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PATENT  
Customer No. 22,852  
Attorney Docket No. 06028.0026-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Gabin VIC et al.	)	
	)	
Application No.: 10/667,435	)	Group Art Unit: 1616
	)	
Filed: September 23, 2003	)	Examiner: G. Kutz
	)	
For: COSMETIC COMPOSITION	)	Confirmation No. 4044
COMPRISING AN EXOGENOUS	)	
LIGAND-RECEPTOR SYSTEM	)	
ADSORBED OR COVALENTLY	)	
ATTACHED TO KERATIN MATERIALS,	)	
AND HAIR TREATMENT USING THIS	)	
COMPOSITION OR CONSTITUENT	)	
ELEMENTS THEREOF	)	

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents on the attached listing. To the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed foreign and non-patent literature documents are attached.  
Copies of the U.S. patents and U.S. patent application publications are not enclosed.

Applicants respectfully request that the Examiner consider the listed documents

and indicate that they were considered by making appropriate notations on the attached form.

With respect to the non-English language documents, Applicants submit the following remarks:

1. **DE 2330956** - This document is believed to be related to U.S. Patent Nos. 3,946,749 and 3,990,459.
2. **FR 1 222 944** - This document is believed to be related to Great Britain Patent No. 922,457, submitted herewith.
3. **FR 1 400 366** - This document is believed to be related to Great Britain Patent No. 1,021,400, submitted herewith.
4. **FR 1 492 597** - This document is believed to be related to U.S. Patent No. 3,472,840.
5. **FR 1 564 110** - This document is believed to be related to U.S. Patent No. 3,810,977.
6. **FR 1 580 545** - This document is believed to be related to U.S. Patent Nos. 3,925,542 and 4,129,711.
7. **FR 1 583 363** - This document is believed to be related to U.S. Patent No. 3,632,559.
8. **FR 2 162 025** - This document is believed to be related to U.S. Patent Nos. 3,917,817 and 4,013,787.

9. FR 2 252 840 - This document is believed to be related to U.S. Patent Nos. 4,172,887; 4,189,468; and 4,277,581.

10. FR 2 265 781 - This document is believed to be related to U.S. Patent Nos. 3,966,403 and 4,076,912.

11. FR 2 265 782 - This document is believed to be related to U.S. Patent Nos. 3,966,404 and 4,070,533.

12. FR 2 270 846 - This document is believed to be related to U.S. Patent Nos. 4,217,914; 4,422,853; 4,948,579; and 5,196,189.

13. FR 2 280 361 - This document is believed to be related to U.S. Patent No. 4,013,787.

14. FR 2 316 271 - This document is believed to be related to U.S. Patent Nos. 4,197,865; 4,381,919; and 4,608,250.

15. FR 2 320 330 - This document is believed to be related to U.S. Patent Nos. 4,075,136 and 4,166,894.

16. FR 2 336 434 - An abstract of the disclosure of this document can be found in the Derwent Abstract, submitted herewith.

17. FR 2 350 384 - This document is believed to be related to U.S. Patent No. 4,137,208.

18. FR 2 357 241 - An abstract of the disclosure of this document can be found in the Derwent Abstract, submitted herewith.

19. FR 2 368 508 - This document is believed to be related to U.S. Patent Nos. 4,189,468 and 4,277,581.

20. FR 2 413 907 - This document is believed to be related to U.S. Patent No. 4,349,532.

21. FR 2 439 798 - This document is believed to be related to U.S. Patent No. 4,282,203.

22. FR 2 470 596 - This document is believed to be related to U.S. Patent Nos. 4,996,059; 5,958,392.

23. FR 2 505 348 - This document is believed to be related to U.S. Patent No. 4,761,273.

24. FR 2 519 863 - This document is believed to be related to U.S. Patent Nos. 5,089,252 and 5,139,037.

25. FR 2 542 997 - This document is believed to be related to U.S. Patent No. 4,591,610.

26. FR 2 589 476 - This patent issued from French Patent Application No. 85/16334, mentioned at page 27 of the present specification. An abstract of the disclosure of this document can be found in the Derwent Abstract, submitted herewith.

27. FR 2 598 611 - This document is believed to be related to U.S. Patent No. 4,839,166.

28. LU 75370 - This document is believed to be related to Great Britain Patent No. 1 572 625, submitted herewith.

29. LU 75371 - This document is believed to be related to U.S. Patent No. 4,289,752.

30. French Search Report for FR 02 11782 - This is the French Search Report for the French priority application for U.S. Application No. 10/667,435 (the present application). This Search Report was previously submitted on 9/24/2004 however, it was not listed on the PTO Form 1449. Applicant respectfully requests that the Examiner mark the Search Report as considered on the attached PTO Form SB/08.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the U.S. Patent and Trademark Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

**Attorney Docket No. 06028.0026-00000**  
**Application No. 10/667,435**

If there is any fee due in connection with the filing of this Statement, please  
charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By: Mareesa A. Frederick  
Mareesa A. Frederick  
Reg. No. 55,190

Date: May 10, 2006

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

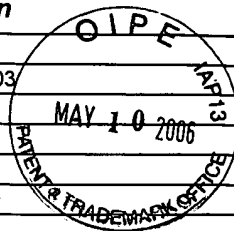
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of

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**Complete if Known**

Application Number	10/667,435
Filing Date	September 23, 2003
First Named Inventor	Gabin VIC
Art Unit	1615
Examiner Name	T. Page
Attorney Docket Number	06028.0026-00000

**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US 2,047,398	07-14-1936	Voss et al.	
	2	US 2,261,002	10 -28-1941	Ritter	
	3	US 2,271,378	01-27-1942	Searle	
	4	US 2,273,780	02-17-1942	Dittmar	
	5	US 2,375,853	05 -15-1945	Kirby et al.	
	6	US 2,388,614	11-06-1945	Kirby et al.	
	7	US 2,454,547	11-23-1948	Bock et al.	
	8	US 2,723,248	11-08-1955	Wright	
	9	US 2,961,347	11-22-1960	Floyd	
	10	US 3,206,462	9-14-1965	McCarthy	
	11	US 3,227,615	01-4-1966	Korden	
	12	US 3,472,840	10-14-1969	Stone et al.	
	13	US 3,632,559	01-04-1972	Matter et al.	
	14	US 3,810,977	05-14-1974	Levine et al.	
	15	US 3,836,537	09-17-1974	Boerwinkle et al.	
	16	US 3,874,870	04-01-1975	Green et al.	
	17	US 3,917,817	11-04-1975	Vanlerberghe et al.	
	18	US 3,925,542	12-09-1975	Viout et al.	
	19	US 3,929,990	12-30-1975	Green et al.	
	20	US 3,946,749	03-30-1976	Papantoniou	
	21	US 3,966,403	06-29-1976	Papantoniou et al.	
	22	US 3,966,904	06-29-1976	Papantoniou et al.	
	23	US 3,990,459	11-09-1976	Papantoniou	
	24	US 4,001,432	01-04-1977	Green et al.	
	25	US 4,005,193	01-25-1977	Green et al.	
	26	US 4,013,787	03-22-1977	Varlerberghe et al.	
	27	US 4,025,617	05-24-1977	Green et al.	
	28	US 4,025,627	05-24-1977	Green et al.	

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **2** of **5****Complete if Known**

Application Number	10/667,435
Filing Date	September 23, 2003
First Named Inventor	Gabin VIC
Art Unit	1615
Examiner Name	T. Page
Attorney Docket Number	06028.0026-00000

## **U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	29	US 4,025,653	05-24-1977	Green et al.	
	30	US 4,026,945	05-31-1977	Green et al.	
	31	US 4,027,020	05-31-1977	Green et al.	
	32	US 4,031,307	06-21-1977	DeMartino et al.	
	33	US 4,070,533	01-24-1978	Papantoniou et al.	
	34	US 4,075,136	02-21-1978	Schaper	
	35	US 4,076,912	02-28-1978	Papantoniou et al.	
	36	US 4,128,631	12-05-1978	Lundmark et al.	
	37	US 4,129,711	12-12-1978	Viout et al.	
	38	US 4,131,576	12-26-1978	Iovine et al.	
	39	US 4,137,208	01-30-1979	Elliott	
	40	US 4,166,894	09-04-1979	Schaper	
	41	US 4,172,887	10-30-1979	Vanlerberghe et al.	
	42	US 4,189,468	02-19-1980	Vanlerberghe et al.	
	43	US 4,197,865	04-15-1980	Jacquet et al.	
	44	US 4,217,914	08-19-1980	Jacquet et al.	
	45	US 4,277,581	07-07-1981	Vanlerberghe et al.	
	46	US 4,282,203	08-04-1981	Jacquet et al.	
	47	US 4,289,752	09-15-1981	Mahieu et al.	
	48	US 4,349,532	09-14-1982	Vanlerberghe et al.	
	49	US 4,381,919	05-03-1983	Jacquet et al.	
	50	US 4,422,853	12-27-1983	Jacquet et al.	
	51	US 4,591,610	05-27-1986	Grollier	
	52	US 4,608,250	08-26-1986	Jacquet et al.	
	53	US 4,761,273	08-02-1988	Grollier et al.	
	54	US 4,839,166	06-13-1989	Grollier et al.	
	55	US 4,948,579	08-14-1990	Jacquet et al.	
	56	US 4,957,732	09-18-1990	Grollier et al.	

Examiner  
SignatureDate  
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/667,435
				Filing Date	September 23, 2003
				First Named Inventor	Gabin VIC
				Art Unit	1615
				Examiner Name	T. Page
Sheet	3	of	5	Attorney Docket Number	06028.0026-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
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		Number-Kind Code <sup>2</sup> (if known)			
	57	US 4,996,059	02-26-1991	Grollier et al.	
	58	US 5,089,252	02-18-1992	Grollier et al.	
	59	US 5,139,037	08-18-1992	Grollier et al.	
	60	US 5,196,189	03-23-1993	Jacquet et al.	
	61	US 5,958,392	09-28-1999	Grollier et al.	

**Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	62	DE 2 330 956	01/10/1974	Papantoniou		No
	63	EP 0 122 324	10-24-1984	Desai		
	64	EP 0 186 507	07-02-1986	Nakano et al.		
	65	EP 0 337 354 A1	10-18-1989	Kamegai et al.		
	66	EP 0 342 834 B1	11-23-1989	Cray et al.		
	67	FR 1 222 944	07-14-1960	Hoechst AG		No
	68	FR 1 400 366	05-15-1963	Rouet		No
	69	FR 1 492 597	09-13-1966	Stone et al.		No
	70	FR 1 564 110	03-22-1968	Levine et al.		No
	71	FR 1 580 545	09-05-1969	Passero et al.		No
	72	FR 1 583 363	10-24-1969	Matter et al.		No
	73	FR 2 162 025	07-13-1973	Vanlerberghe et al.		No
	74	FR 2 252 840	06-27-1975	Vanlerberghe et al.		No
	75	FR 2 265 781	10-24-1975	Papantoniou et al.		No
	76	FR 2 265 782	10-24-1975	Papantoniou et al.		No
	77	FR 2 270 846	12-12-1975	Lang		No
	78	FR 2 280 361	02-27-1976	Vanlerberghe et al.		No
	79	FR 2 316 271	01-28-1977	Jacquet et al.		No

Examiner Signature		Date Considered	
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				Art Unit	1615
				Examiner Name	T. Page
Sheet	4	of	5	Attorney Docket Number	06028.0026-00000

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	80	FR 2 320 330	03-04-1977	Calgon Corp.		No
	81	FR 2 336 434	07-22-1977	Ciba-Geigy AG		Abstract
	82	FR 2 350 384	12-02-1977	Berger, Jenson, & Nicholson Limited		No
	83	FR 2 357 241	02-03-1978	Mondet et al.		Abstract
	84	FR 2 368 508	05-19-1978	Vanlerberghe et al.		No
	85	FR 2 413 907	08-03-1979	Vanlerberghe et al.		No
	86	FR 2 439 798	05-23-1980	Jacquet et al.		No
	87	FR 2 470 596	06-12-1981	Grollier et al.		No
	88	FR 2 505 348	11-12-1982	Grollier et al.		No
	89	FR 2 519 863	07-22-1983	Grollier et al.		No
	90	FR 2 542 997	09-28-1984	Grollier		No
	91	FR 2 589 476	05-07-1987	Carette et al.		Abstract
	92	FR 2 598 611	11-20-1987	Grollier et al.		No
	93	GB 839 805	6-29-1960	Monsanto Chemical Co.		
	94	GB 922,457	04- 03-1963	Farbwerke Hoechst Aktiengesellschaft		
	95	GB 1 021 400	03-02-1966	L'Oreal		
	96	GB 1 572 626	07-30-1980	L'Oreal		
	97	LU 75370	02-08-1978	Mahieu et al.		No
	98	LU 75371	02-08-1978	Mahieu et al.		No

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Sheet	5	of	5	Attorney Docket Number		06028.0026-00000	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
	99	Charles Todd et al., "Volatile Silicone Fluids for Cosmetic Formulations," Cosmetics and Toiletries, January 1976, pp. 29-32, vol. 91.	
	100	E. A. MacGregor, "Polysaccharides," Polymers in Nature, 1980, pp. 240-328, Chapter 6, John Wiley & Sons.	
	101	Kirk-Othmer, "Biopolymers," Encyclopedia of Chemical Technology, 1978, pp. 896-900, 3 <sup>rd</sup> Edition, Volume 3, , John Wiley & Sons.	
	102	Kirk-Othmer, "Microbial Polysaccharides," Encyclopedia of Chemical Technology, 1981, pp. 439-458, 3 <sup>rd</sup> Edition, Volume 15, John Wiley & Sons.	
	103	"Volatile Silicone Fluids for Cosmetics," Cosmetics and Toiletries, January 1976, pp. 27-32, Volume 91, Todd & Byers.	
	104	Derwent English Language Abstract of non-English document no. FR 2 336 434	
	105	Derwent English Language Abstract of non-English document no. FR 2 357 241	
	106	Derwent English Language Abstract of non-English document no. FR 2 589 476	
	107	French Search Report for FR 0211782 (French Priority Application for U.S. Application No. 10/667,435) the present application, Examiner D. Krische, June 13, 2003.	

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